

Oil Field Environmental Incident Summary

Incident: 20150620081430 **Date/Time of Notice:** 06/20/2015 08:14

Responsible Party: SLAWSON EXPLORATION COMPANY, INC.

Well Operator: SLAWSON EXPLORATION COMPANY, INC.

Well Name: MOEN 1-35 SWD

Field Name: TIMBER CREEK

Well File #: 9388

Date Incident: 6/19/2015 **Time Incident:** 18:30

Facility ID Number:

County: MCKENZIE

Twp: 150

Rng: 100

Sec: 35

Qtr:

Location Description: Majority on location, some salt and rainwater left northside of pad. We have dams in place to control.

Submitted By: Raymond Gorka

Received By:

Contact Person: Raymond Gorka
1675 BROADWAY STE 1600
DENVER, CO 80202

General Land Use: Cultivated

Affected Medium: Well/Facility Soil

Distance Nearest Occupied Building: 0.5 Mile

Distance Nearest Water Well: 0.5 Mile

Type of Incident: Fire

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	1	Barrels				
Brine	10	Barrels				
Other					450	barrels

Description of Other Released Contaminant:

Inspected:

Written Report Received: 8/6/2015

Clean Up Concluded: 7/17/2015

Risk Evaluation:

fire from burning oi, let it burn out all night.

Areal Extent:

maybe 12' by 30'

Potential Environmental Impacts:

Salt contaminated soil under runoff. Will sample after site settles down.

Action Taken or Planned:

clean up facility, clean up any saltwater that left an impact off location.

Wastes Disposal Location: Licensed disposal facility.

Agencies Involved:**Updates**

Date: 6/22/2015 **Status:** Correspondence

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received a phone call from a representative of Slawson Exploration, notifying the department of the release, via phone. More followup needed.

Date: 6/22/2015 **Status:** Reviewed - Follow-up Required

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release, due to fire on location, was not contained on location, according to the report and conversation with emergency response personnel onsite. Released fluids overtopped containment and entered drainage in wheatfield according to response personnel. Follow-up is necessary.

Date: 6/23/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived on location at 13:52 p.m. Earlier I talked to the company personnel about getting conformation samples when clean-up was complete. They had a crew cleaning up the tank area; they had not started in the field. The lease road comes into the site from the east. It appears that the water broke through the dike on the south side of lease road. There is a culvert under the lease road a couple hundred yards to the east. This culvert has been plugged with soil. The drainage comes from the southeast through the field under the lease road and continues through more cropland, about a quarter mile to the north it goes into a pasture, the drainage is grassed and has numerous trees in the drainage. The drainage continues to the north about a half mile to a county road. A small culvert goes under the gravel road into another pasture. The drainage is not currently flowing with water; a small hole on the north side of culvert under the county road had water in it. There are a couple other drainages that merge on the south side of county road. The company has placed a dirt dike just inside the pasture fence on the north side of cropland. I took numerous field readings with soil probe. The readings were highest near the culvert, on both sides of culvert. You can see the impacted vegetation in the cropland going north. The drainage flows to a southwest corner of the pasture; this is where the equipment went though. I had a high reading in this area and also just on the north side of dike in a depression area in a new pipeline. The vegetation in the drainage just north of the pipeline right way appears normal. A couple of field readings in this area were not high. More follow-up is needed to check on clean up progress.

Date: 6/24/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I received a call from the company personnel that over-sees the site, he wanted to meet and talk about the clean-up. I arrived on location at 9:23 a.m. The weather was rainy, 56°F, with the wind from the south 10-15 mph. I talked to the company personnel. He confirmed that the dike let go next to the south side of lease road. They had taken over this property a couple of years ago. They had built up the dike at that time; however, they will be re-doing the dike with more height. They placed the temporary dike in the area where they could not detect the salt water. They have talked to the landowner about the clean-up. He has an area started for stacking the impacted soil to be placed until it is classified for the land fill, this area will have a liner placed under the soil. He was going to contact the contractor and would try getting soil removed this afternoon in most visible impacted areas. They will get a consultant to help with the total remediation and develop a work plan. Samples will be taken to confirm clean-up. A field measurement of pooled water at the county road was taken, EC 5720 us/cm, no chlorides were detected <31 ppm. More follow-up needed to check on clean-up progress.

Date: 6/25/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received a call from the company contact around 17:00 p.m., they will start the clean-up in the morning. They are still waiting for One Call.

Date: 6/25/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 8:52 a.m. The weather was sunny, 66°F, with the wind from the southeast 0-5 mph. The clean-up crews were still working on the tank area on the pad. No work had started off-site. I called the contact; he indicated that they were waiting on One Call. He thought it was done earlier. Equipment was on the way. More follow-up needed.

Date: 6/29/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The impacted soil has been removed and hauled from the site to landfill. The work was started on Friday morning and was completed on Saturday. The company contact would like to meet at the site. Kory Crowdus from the department will contact and meet with him.

Date: 6/29/2015 **Status:** Inspection

Author: Crowdus, Kory

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site 6/29/2015, at 2:30 pm. Met with company personnel at site to discuss cleanup. Walked the spill path and took multiple field conductivity readings. Area just North of culvert had a reading of 7.5 ms/cm and area just South of culvert had a reading of 3.54 ms/cm. Multiple other areas checked had readings below 2.0 ms/cm. I recommended that some more soil be removed from areas just north and south of the culvert. Company personnel said he was waiting for a conductivity meter to arrive and they will re-check the area. Soil samples will be taken once they feel area has been adequately cleaned up. Impacted soil is being placed on a lined containment area on-site and taken for proper disposal. Further follow-up is required.

Date: 7/29/2015 **Status:** Correspondence

Author: Suess, Bill

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received confirmation sampling results from Slawson. Although well pad concentrations are still high, off-site impacts have been remediated. Environmental risk due to residual impacts is minimal. No further work is warranted.